

A DNA methylation microarray-based study identifies ERG as a gene commonly methylated in prostate cancer

Schwartzman, J., Mongoue-Tchokote, S., Gibbs, A., Gao, L., Corless, C. L., Jin, J., Zarour, L., Higano, C., True, L. D., Vessella, R. L., Wilmot, B., Bottomly, D., McWeeney, S. K., Bova, S. G., Partin, A. W., Mori, M. & Alumkal, J. J., 2011, In : EPIGENETICS. 6, 10, p. 1248-1256 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

An international prospective cohort study of mobile phone users and health (Cosmos): Design considerations and enrolment

Schüz, J., Elliott, P., Auvinen, A., Kromhout, H., Poulsen, A. H., Johansen, C., Olsen, J. H., Hillert, L., Feychting, M., Fremling, K., Toledano, M., Heinävaara, S., Slottje, P., Vermeulen, R. & Ahlbom, A., Feb 2011, In : CANCER EPIDEMIOLOGY. 35, 1, p. 37-43 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Proteasome inhibitors induce nucleolar aggregation of proteasome target proteins and polyadenylated RNA by altering ubiquitin availability

Latonen, L., Moore, H. M., Bai, B., Jäämaa, S. & Laiho, M., 17 Feb 2011, In : Oncogene. 30, 7, p. 790-805 16 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Intragenic rearrangement and altered RNA splicing of the androgen receptor in a cell-based model of prostate cancer progression

Li, Y., Alsagabi, M., Fan, D., Bova, G. S., Tewfik, A. H. & Dehm, S. M., 15 Mar 2011, In : Cancer Research. 71, 6, p. 2108-2117 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Thérapie photodynamique et carcinomes urothéliaux

Translated title of the contribution: : Photodynamic therapy and urothelial carcinoma

Colin, P., Estevez, J. P., Betrouni, N., Nevoux, P., Puech, P., Leroy, X., Biserte, J., Villers, A. & Mordon, S., Jul 2011, In : BULLETIN DU CANCER. 98, 7, p. 769-778 10 p.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Identification of an aggressive prostate cancer predisposing variant at 11q13

Nurminen, R., Wahlfors, T., Tammela, T. L. J. & Schleutker, J., 1 Aug 2011, In : International Journal of Cancer. 129, 3, p. 599-606 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

NMD and microRNA expression profiling of the HPCX1 locus reveal MAGEC1 as a candidate prostate cancer predisposition gene

Mattila, H., Schindler, M., Isotalo, J., Ikonen, T., Vihinen, M., Oja, H., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., 2 Aug 2011, In : BMC Cancer. 11, 327.

Research output: Contribution to journal › Article › Scientific › peer-review

Incidence trends of vestibular schwannomas in Denmark, Finland, Norway and Sweden in 1987-2007

Larjavaara, S., Feychting, M., Sankila, R., Johansen, C., Klæboe, L., Schüz, J. & Auvinen, A., 27 Sep 2011, In : British Journal of Cancer. 105, 7, p. 1069-1075 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Circulating levels of VEGFR-1 and VEGFR-2 in patients with metastatic melanoma treated with chemoimmunotherapy alone or combined with bevacizumab

Vihinen, P. P., Ramadan, S., Vuoristo, M. S., Hernberg, M., Tyynelä-Korhonen, K., Skyttä, T., Koskivuo, I., Kellokumpu-Lehtinen, P. L., Syrjänen, K. & Pyrhönen, S., Oct 2011, In : MELANOMA RESEARCH. 21, 5, p. 431-437 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The association between antihypertensive drug use and incidence of prostate cancer in Finland: A population-based case-control study

Kemppainen, K. J., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., Oct 2011, In : Cancer Causes and Control. 22, 10, p. 1445-1452 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Genome-wide linkage scan for prostate cancer susceptibility in Finland: Evidence for a novel locus on 2q37.3 and confirmation of signal on 17q21-q22

Cropp, C. D., Simpson, C. L., Wahlfors, T., Ha, N., George, A., Jones, M. S., Harper, U., Ponciano-Jackson, D., Green, T. A., Tammela, T. L. J., Bailey-Wilson, J. & Schleutker, J., 15 Nov 2011, In : *International Journal of Cancer*. 129, 10, p. 2400-2407 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

False-positive screening results in the European randomized study of screening for prostate cancer

Kilpeläinen, T. P., Tammela, T. L. J., Roobol, M., Hugosson, J., Ciatto, S., Nelen, V., Moss, S., Määttänen, L. & Auvinen, A., Dec 2011, In : *EUROPEAN JOURNAL OF CANCER*. 47, 18, p. 2698-2705 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Intraepidermal nerve fibre density in cancer patients receiving adjuvant chemotherapy

Koskinen, M. J., Kautio, A. L., Haanpää, M. L., Haapasalo, H. K., Kellokumpu-Lehtinen, P. L., Saarto, T. & Hietaharju, A. J., Dec 2011, In : *Anticancer Research*. 31, 12, p. 4413-4416 4 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The effects of combination therapy with dutasteride plus tamsulosin on clinical outcomes in men with symptomatic BPH: 4-year post hoc analysis of European men in the CombAT study

Haillot, O., Fraga, A., Maclukiewicz, P., Pushkar, D., Tammela, T., Höfner, K., Chantada, V., Gagnier, P. & Morrill, B., Dec 2011, In : *PROSTATE CANCER AND PROSTATIC DISEASES*. 14, 4, p. 302-306 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Adjuvant capecitabine, docetaxel, cyclophosphamide, and epirubicin for early breast cancer: Final analysis of the randomized FinXX trial

Joensuu, H., Kellokumpu-Lehtinen, P. L., Huovinen, R., Jukkola-Vuorinen, A., Tanner, M., Kokko, R., Ahlgren, J., Auvinen, P., Pajja, O., Helle, L., Villman, K., Nyandoto, P., Nilsson, G., Pajunen, M., Asola, R., Poikonen, P., Leinonen, M., Kataja, V., Bono, P. & Lindman, H., 1 Jan 2012, In : *JOURNAL OF CLINICAL ONCOLOGY*. 30, 1, p. 11-18 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Inhibition of Casein kinase-2 induces p53-dependent cell cycle arrest and sensitizes glioblastoma cells to tumor necrosis factor (TNF α)-induced apoptosis through SIRT1 inhibition

Dixit, D., Sharma, V., Ghosh, S., Mehta, V. S. & Sen, E., Feb 2012, In : *CELL DEATH AND DISEASE*. 3, 2, e271.

Research output: Contribution to journal › Article › Scientific › peer-review

Changes in circulating microRNA levels associated with prostate cancer

Bryant, R. J., Pawlowski, T., Catto, J. W. F., Marsden, G., Vessella, R. L., Rhee, B., Kuslich, C., Visakorpi, T. & Hamdy, F. C., 14 Feb 2012, In : *British Journal of Cancer*. 106, 4, p. 768-774 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Diagnostic and prognostic signatures from the small non-coding RNA transcriptome in prostate cancer

Martens-Uzunova, E. S., Jalava, S. E., Dits, N. F., Van Leenders, G. J. L. H., Møller, S., Trapman, J., Bangma, C. H., Litman, T., Visakorpi, T. & Jenster, G., 23 Feb 2012, In : *Oncogene*. 31, 8, p. 978-991 14 p.

Research output: Contribution to journal › Article › Scientific › peer-review

No additional benefit of adding ifosfamide to docetaxel in castration-resistant metastatic prostate cancer

Hervonen, P., Tulijoki, T. & Kellokumpu-Lehtinen, P., Aug 2012, In : *Anticancer Research*. 32, 8, p. 3305-3310 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Novel Loci for Metabolic Networks and Multi-Tissue Expression Studies Reveal Genes for Atherosclerosis

Inouye, M., Ripatti, S., Kettunen, J., Lyytikäinen, L. P., Oksala, N., Laurila, P. P., Kangas, A. J., Soininen, P., Savolainen, M. J., Viikari, J., Kähönen, M., Perola, M., Salomaa, V., Raitakari, O., Lehtimäki, T., Taskinen, M. R., Järvelin, M. R., Ala-Korpela, M., Palotie, A. & de Bakker, P. I. W., Aug 2012, In : *PLOS GENETICS*. 8, 8, e1002907.

Research output: Contribution to journal › Article › Scientific › peer-review

Cytokinesis failure due to derailed integrin traffic induces aneuploidy and oncogenic transformation in vitro and in vivo
Högnäs, G., Tuomi, S., Veltel, S., Mattila, E., Murumägi, A., Edgren, H., Kallioniemi, O. & Ivaska, J., 2 Aug 2012, In : *Oncogene*. 31, 31, p. 3597-3606 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Identification of novel CHD1-associated collaborative alterations of genomic structure and functional assessment of CHD1 in prostate cancer

Liu, W., Lindberg, J., Sui, G., Luo, J., Egevad, L., Li, T., Xie, C., Wan, M., Kim, S. T., Wang, Z., Turner, A. R., Zhang, Z., Feng, J., Yan, Y., Sun, J., Bova, G. S., Ewing, C. M., Yan, G., Gielzak, M., Cramer, S. D., Vessella, R. L., Zheng, S. L., Grönberg, H., Isaacs, W. B. & Xu, J., 30 Aug 2012, In : *Oncogene*. 31, 35, p. 3939-3948 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Effectiveness of a 12-month exercise program on physical performance and quality of life of breast cancer survivors

Saarto, T., Penttinen, H. M., Sievänen, H., Kellokumpu-Lehtinen, P. L., Hakamies-Blomqvist, L., Nikander, R., Huovinen, R., Luoto, R., Kautiainen, H., Järvenpää, S., Idman, I., Utriainen, M., Vehmanen, L., Jääskeläinen, A. S., Elme, A., Ruohola, J., Palva, T., Vertio, H., Rautalahti, M., Fogelholm, M., Blomqvist, C. & Luoma, M. L., Sep 2012, In : *Anticancer Research*. 32, 9, p. 3875-3884 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Responder analysis of the effects of denosumab on bone mineral density in men receiving androgen deprivation therapy for prostate cancer

Egerdie, R. B., Saad, F., Smith, M. R., Tammela, T. L. J., Heracek, J., Sieber, P., Ke, C., Leder, B., Dansey, R. & Goessl, C., Sep 2012, In : *PROSTATE CANCER AND PROSTATIC DISEASES*. 15, 3, p. 308-312 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Toxicity in patients receiving adjuvant docetaxel hormonal treatment after radical radiotherapy for intermediate or high-risk prostate cancer: A preplanned safety report of the SPCG-13 trial

Kellokumpu-Lehtinen, P. L., Hjälm-Eriksson, M., Thellenberg-Karlsson, C., Åström, L., Franzen, L., Marttila, T., Seke, M., Taalikka, M. & Ginman, C., Sep 2012, In : *PROSTATE CANCER AND PROSTATIC DISEASES*. 15, 3, p. 303-307 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Sarcopenia during androgen-deprivation therapy for prostate cancer

Smith, M. R., Saad, F., Egerdie, B., Sieber, P. R., Tammela, T. L. J., Ke, C., Leder, B. Z. & Goessl, C., 10 Sep 2012, In : *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*. 30, 26, p. 3271-3276 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Number of screens for overdiagnosis as an indicator of absolute risk of overdiagnosis in prostate cancer screening

Wu, G. H. M., Auvinen, A., Määttänen, L., Tammela, T. L. J., Stenman, U. H., Hakama, M., Yen, A. M. F. & Chen, H. H., 15 Sep 2012, In : *International Journal of Cancer*. 131, 6, p. 1367-1375 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Cancer incidence among Nordic airline cabin crew

Pukkala, E., Helminen, M., Haldorsen, T., Hammar, N., Kojo, K., Linarsjö, A., Rafnsson, V., Tulinius, H., Tveten, U. & Auvinen, A., 15 Dec 2012, In : *International Journal of Cancer*. 131, 12, p. 2886-2897 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

CIP2A expression and prognostic role in patients with esophageal adenocarcinoma

Rantanen, T., Kauttu, T., Åkerla, J., Honkanen, T., Krogerus, L., Salo, J., Paavonen, T. & Oksala, N., 2013, In : *MEDICAL ONCOLOGY*. 30, 3, 684.

Research output: Contribution to journal › Article › Scientific › peer-review

Multiple approaches and participation rate for a community based smoking cessation intervention trial in rural Kerala, India
Jayakrishnan, R., Mathew, A., Uutela, A., Auvinen, A. & Sebastian, P., 2013, In : *ASIAN PACIFIC JOURNAL OF CANCER PREVENTION*. 14, 5, p. 2891-2896 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Smoking cessation intervention in Rural Kerala, India: Findings of a randomised controlled trial

Jayakrishnan, R., Uutela, A., Mathew, A., Auvinen, A., Mathew, P. S. & Sebastian, P., 2013, In : ASIAN PACIFIC JOURNAL OF CANCER PREVENTION. 14, 11, p. 6797-6802 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Silencing of the arp2/3 complex disturbs pancreatic cancer cell migration

Rauhala, H. E., Teppo, S., Niemelä, S. & Kallioniemi, A., Jan 2013, In : Anticancer Research. 33, 1, p. 45-52 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Use of aspirin, but not other non-steroidal anti-inflammatory drugs is associated with decreased prostate cancer risk at the population level

Veitonmäki, T., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., Mar 2013, In : EUROPEAN JOURNAL OF CANCER. 49, 4, p. 938-945 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Bcl-2 associated athanogene 5 (Bag5) is overexpressed in prostate cancer and inhibits ER-stress induced apoptosis

Bruchmann, A., Roller, C., Walther, T. V., Schäfer, G., Lehmusvaara, S., Visakorpi, T., Klocker, H., Cato, A. C. B. & Maddalo, D., 1 Mar 2013, In : BMC Cancer. 13, 96.

Research output: Contribution to journal › Article › Scientific › peer-review

Obesity and physical inactivity are related to impaired physical health of breast cancer survivors

Elme, A., Utriainen, M., Kellokumpu-Lehtinen, P., Palva, T., Luoto, R., Nikander, R., Huovinen, R., Kautiainen, H., Järvenpää, S., Penttinen, H. M., Vehmanen, L., Jääskeläinen, A. S., Ruohola, J., Blomqvist, C. & Saarto, T., Apr 2013, In : Anticancer Research. 33, 4, p. 1595-1602 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Prostate cancer mortality in the finnish randomized screening trial

Kilpeläinen, T. P., Tammela, T. L., Malila, N., Hakama, M., Santti, H., Määttänen, L., Stenman, U. H., Kujala, P. & Auvinen, A., 15 May 2013, In : JOURNAL OF THE NATIONAL CANCER INSTITUTE. 105, 10, p. 719-725 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Weekly paclitaxel-An effective treatment for advanced breast cancer

Kellokumpu-Lehtinen, P., Tuunanen, T., Asola, R., Elomaa, L., Heikkinen, M., Kokko, R., Järvenpää, R., Lehtinen, I., Maiche, A., Kaleva-Kerola, J., Huusko, M., Möykkynen, K. & Ala-Luhtala, T., Jun 2013, In : Anticancer Research. 33, 6, p. 2623-2628 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Genetic markers associated with early cancer-specific mortality following prostatectomy

Liu, W., Xie, C. C., Thomas, C. Y., Kim, S. T., Lindberg, J., Egevad, L., Wang, Z., Zhang, Z., Sun, J., Sun, J., Koty, P. P., Kader, A. K., Cramer, S. D., Bova, G. S., Zheng, S. L., Grönberg, H., Isaacs, W. B. & Xu, J., 1 Jul 2013, In : Cancer. 119, 13, p. 2405-2412 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Somatic mutation profiling and associations with prognosis and trastuzumab benefit in early breast cancer

Loi, S., Michiels, S., Lambrechts, D., Fumagalli, D., Claes, B., Kellokumpu-Lehtinen, P. L., Bono, P., Kataja, V., Piccart, M. J., Joensuu, H. & Sotiriou, C., 3 Jul 2013, In : JOURNAL OF THE NATIONAL CANCER INSTITUTE. 105, 13, p. 960-967 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Guggulsterone sensitizes glioblastoma cells to Sonic hedgehog inhibitor SANT-1 induced apoptosis in a Ras/NFκB dependent manner

Dixit, D., Ghildiyal, R., Anto, N. P., Ghosh, S., Sharma, V. & Sen, E., 19 Aug 2013, In : Cancer Letters. 336, 2, p. 347-358 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Aneuploidy facilitates oncogenic transformation via specific genetic alterations, including Twist2 upregulation

Högnäs, G., Hämmälistö, S., Rilla, K., Laine, J. O., Vilkki, V., Murumägi, A., Edgren, H., Kallioniemi, O. & Ivaska, J., Sep 2013, In : Carcinogenesis. 34, 9, p. 2000-2009 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Site-specific cancer risk in the Baltic cohort of Chernobyl cleanup workers, 1986-2007

Rahu, K., Hakulinen, T., Smailyte, G., Stengrevics, A., Auvinen, A., Inskip, P. D., Boice, J. D. & Rahu, M., Sep 2013, In : EUROPEAN JOURNAL OF CANCER. 49, 13, p. 2926-2933 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

BMP4 inhibits the proliferation of breast cancer cells and induces an MMP-dependent migratory phenotype in MDA-MB-231 cells in 3D environment

Ampuja, M., Jokimäki, R., Juuti-Uusitalo, K., Rodriguez-Martinez, A., Alarmo, E. L. & Kallioniemi, A., 22 Sep 2013, In : BMC Cancer. 13, 429.

Research output: Contribution to journal › Article › Scientific › peer-review

Fallout from the Chernobyl accident and overall cancer incidence in Finland

Kurttio, P., Seppä, K., Pasanen, K., Patama, T., Auvinen, A., Pukkala, E., Heinävaara, S., Arvela, H. & Hakulinen, T., Oct 2013, In : CANCER EPIDEMIOLOGY. 37, 5, p. 585-592 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Fine mapping of 11q13.5 identifies regions associated with prostate cancer and prostate cancer death

Nurminen, R., Lehtonen, R., Auvinen, A., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., Oct 2013, In : EUROPEAN JOURNAL OF CANCER. 49, 15, p. 3335-3343 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Bi-weekly paclitaxel and capecitabine as a second- Or third-line treatment for advanced breast cancer: A pilot study

Kellokumpu-Lehtinen, P. L., Tuunanen, T., Kautio, A. L., Lehtinen, I. & Tanner, M., Nov 2013, In : Anticancer Research. 33, 11, p. 4941-4945 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Chk1 targeting reactivates PP2A tumor suppressor activity in cancer cells

Khanna, A., Kauko, O., Böckelman, C., Laine, A., Schreck, I., Partanen, J. I., Szwajda, A., Bormann, S., Bilgen, T., Helenius, M., Pokharel, Y. R., Pimanda, J., Russel, M. R., Haglund, C., Cole, K. A., Klefström, J., Aittokallio, T., Weiss, C., Ristimäki, A., Visakorpi, T. & Westermarck, J., 15 Nov 2013, In : Cancer Research. 73, 22, p. 6757-6769 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The diverse role of miR-31 in regulating cancer associated phenotypes

Laurila, E. M. & Kallioniemi, A., Dec 2013, In : Genes Chromosomes and Cancer. 52, 12, p. 1103-1113 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

A Novel MMP12 Locus Is Associated with Large Artery Atherosclerotic Stroke Using a Genome-Wide Age-at-Onset Informed Approach

Traylor, M., Mäkelä, K. M., Kilarski, L. L., Holliday, E. G., Devan, W. J., Nalls, M. A., Wiggins, K. L., Zhao, W., Cheng, Y. C., Achterberg, S., Malik, R., Sudlow, C., Bevan, S., Raitoharju, E., Oksala, N., Thijs, V., Lemmens, R., Lindgren, A., Slowik, A., Maguire, J. M., Walters, M., Algra, A., Sharma, P., Attia, J. R., Boncoraglio, G. B., Rothwell, P. M., de Bakker, P. I. W., Bis, J. C., Saleheen, D., Kittner, S. J., Mitchell, B. D., Rosand, J., Meschia, J. F., Levi, C., Dichgans, M., Lehtimäki, T., Lewis, C. M. & Markus, H. S., 2014, In : PLOS GENETICS. 10, 7, e1004469.

Research output: Contribution to journal › Article › Scientific › peer-review

Optimal management of metastatic castration-resistant prostate cancer: Highlights from a European Expert Consensus Panel

Fitzpatrick, J. M., Bellmunt, J., Fizazi, K., Heidenreich, A., Sternberg, C. N., Tombal, B., Alcaraz, A., Bahl, A., Bracarda, S., Di Lorenzo, G., Efstathiou, E., Finn, S. P., Fossà, S., Gillessen, S., Kellokumpu-Lehtinen, P. L., Lecouvet, F. E., Oudard, S., De Reijke, T. M., Robson, C. N., De Santis, M., Seruga, B. & De Wit, R., 2014, In : EUROPEAN JOURNAL OF CANCER. 50, 9, p. 1617-1627 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Prostate cancer risk and nonsteroidal antiinflammatory drug use in the Finnish prostate cancer screening trial.

Veitonmäki, T., Murtola, T. J., Määttä, L., Taari, K., Stenman, U. H., Tammela, T. L. & Auvinen, A., 2014, In : British Journal of Cancer. 111, 7, p. 1421-1431 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

USP22 regulates oncogenic signaling pathways to drive lethal cancer progression

Schreengost, R. S., Dean, J. L., Goodwin, J. F., Schiewer, M. J., Urban, M. W., Stanek, T. J., Sussman, R. T., Hicks, J. L., Birbe, R. C., Draganova-Tacheva, R. A., Visakorpi, T., DeMarzo, A. M., McMahon, S. B. & Knudsen, K. E., 1 Jan 2014, In : *Cancer Research*. 74, 1, p. 272-286 15 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Quality of life of recently treated patients with breast cancer

Penttinen, H., Rautalin, M., Roine, R., Jahkola, T., Kellokumpu-Lehtinen, P. L., Huovinen, R., Kautiainen, H., Järvenpää, S., Hakamies-Blomqvist, L., Blomqvist, C. & Saarto, T., 1 Mar 2014, In : *Anticancer Research*. 34, 3, p. 1201-1206 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Hypermethylation of the GABREmiR-452miR-224 promoter in prostate cancer predicts biochemical recurrence after radical prostatectomy

Kristensen, H., Haldrup, C., Strand, S., Mundbjerg, K., Mortensen, M. M., Thorsen, K., Ostfeld, M. S., Wild, P. J., Arsov, C., Goering, W., Visakorpi, T., Egevad, L., Lindberg, J., Grönberg, H., Høyer, S., Borre, M., Orntoft, T. F. & Sørensen, K. D., 15 Apr 2014, In : *Clinical Cancer Research*. 20, 8, p. 2169-2181 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Chernobyl fallout and cancer incidence in Finland 1988-2007

Auvinen, A., Seppä, K., Pasanen, K., Kurtio, P., Patama, T., Pukkala, E., Heinävaara, S., Arvela, H., Verkasalo, P. & Hakulinen, T., 1 May 2014, In : *International Journal of Cancer*. 134, 9, p. 2253-2263 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Impact of epoetin-beta on anemia and health-related quality of life in cancer patients: A prospective observational study using the generic 15D instrument

Mäenpää, J., Puistola, U., Riska, H., Sintonen, H., Saarni, O., Juvonen, E. & Kellokumpu-Lehtinen, P. L., 1 May 2014, In : *Anticancer Research*. 34, 5, p. 2325-2330 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

RE: Prostate-specific antigen screening trials and prostate cancer deaths: The androgen deprivation connection

Carlsson, S., Roobol, M. J., Schröder, F. H., Hugosson, J. & Auvinen, A., 14 May 2014, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 106, 5, dju079.

Research output: Contribution to journal › Letter › Scientific › peer-review

Claudins as prognostic factors for renal cell cancer

Virman, J. P., Soini, Y., Kujala, P., Luukkaala, T., Salminen, T., Sunela, K. & Kellokumpu-Lehtinen, P. L., 1 Aug 2014, In : *Anticancer Research*. 34, 8, p. 4181-4188 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Estimation of optimal matching position for orthogonal kV setup images and minimal setup margins in radiotherapy of whole breast and lymph node areas

Laaksomaa, M., Kapanen, M., Skyttä, T., Peltola, S., Hyödynmaa, S. & Kellokumpu-Lehtinen, P. L., 1 Nov 2014, In : *Reports of Practical Oncology and Radiotherapy*. 19, 6, p. 369-375 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

FR α : une cible pour la thérapie photodynamique prophylactique des métastases péritonéales ovariennes?

Translated title of the contribution: : FR α : A target for prophylactic photodynamic therapy of ovarian peritoneal metastasis? Azaïs, H., Moussaron, A., Bach, S. K., Bassil, A., Betrouni, N., Frochet, C., Collinet, P. & Mordon, S., 1 Dec 2014, In : *BULLETIN DU CANCER*. 101, 12, p. 1109-1113 5 p.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Cost-effectiveness of prostate cancer screening: A simulation study based on ERSPC data

Heijnsdijk, E. A. M., De Carvalho, T. M. D., Auvinen, A., Zappa, M., Nelen, V., Kwiatkowski, M., Villers, A., Páez, A., Moss, S. M., Tammela, T. L. J., Recker, F., Denis, L., Carlsson, S. V., Wever, E. M., Bangma, C. H., Schröder, F. H., Roobol, M. J., Hugosson, J. & De Koning, H. J., 1 Jan 2015, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 107, 1, dju366.

Research output: Contribution to journal › Article › Scientific › peer-review

Computational cancer biology: education is a natural key to many locks

Emmert-Streib, F., Zhang, S. D. & Hamilton, P., 15 Jan 2015, In : *BMC Cancer*. 15, 1, 7.

Research output: Contribution to journal › Article › Scientific › peer-review

VEGFR3 and CD31 as prognostic factors in renal cell cancer

Virman, J. P., Bono, P., Luukkaala, T., Sunela, K., Kujala, P. & Kellokumpu-Lehtinen, P. L., 1 Feb 2015, In : *Anticancer Research*. 35, 2, p. 921-927 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The concurrent use of aromatase inhibitors and radiotherapy induces echocardiographic changes in patients with breast cancer

Skyttä, T., Tuohinen, S., Virtanen, V., Raatikainen, P. & Kellokumpu-Lehtinen, P. L., 1 Mar 2015, In : *Anticancer Research*. 35, 3, p. 1559-1566 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Early effects of adjuvant breast cancer radiotherapy on right ventricular systolic and diastolic function

Tuohinen, S. S., Skyttä, T., Virtanen, V., Luukkaala, T., Kellokumpu-Lehtinen, P. L. & Raatikainen, P., 1 Apr 2015, In : *Anticancer Research*. 35, 4, p. 2141-2147 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

European code against cancer 4th edition: 12 ways to reduce your cancer risk

Schüz, J., Espina, C., Villain, P., Herrero, R., Leon, M. E., Minozzi, S., Romieu, I., Segnan, N., Wardle, J., Wiseman, M., Belardelli, F., Bettcher, D., Cavalli, F., Galea, G., Lenoir, G., Martin-Moreno, J. M., Nicula, F. A., Olsen, J. H., Patnick, J., Primic-Zakelj, M., Puska, P., Van Leeuwen, F. E., Wiestler, O., Zatonski, W., Guha, N., Kralikova, E., McNeill, A., Peruga, A., Anderson, A., Berrino, F., Boutron-Ruault, M. C., Cecchini, M., Key, T. J., Leitzmann, M., Norat, T., Powers, H. J., Scoccianti, C., Auvinen, A., de Vries, E., Erdmann, F., Greinert, R., Harrison, J., Kesminiene, A., McColl, N., Friis, S., Kogevinas, M., Saracci, R., Straif, K., Vainio, H., Almonte, M., Anttila, A., De Vuyst, H., Dillner, J., Franceschi, S., Gonzalez, P., Hall, A., Park, J. Y., Armadori, P., Atkin, W., Dean, P. B., de Koning, H., Dillner, L., Kuipers, E., Lansdorp-Vogelaar, I., Paci, E., Regula, J., Suonio, E., Törnberg, S., Wood, L. F., Gaudin, N., Frie, K. G., Terasse, V., Winstanley, K., Bellisario, C., Biagioli, E., Cinquini, M., Gianola, S., Lorenzo, M. G., von Karsa, L. & Lignini, T., 9 Apr 2015, In : *CANCER EPIDEMIOLOGY*. 39, p. S1-S10

Research output: Contribution to journal › Article › Scientific › peer-review

Family history in the finnish prostate cancer screening trial

Saarimäki, L., Tammela, T. L., Määttänen, L., Taari, K., Kujala, P. M., Raitanen, J. & Auvinen, A., 1 May 2015, In : *International Journal of Cancer*. 136, 9, p. 2172-2177 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Microarray analysis of differentially expressed genes in ovarian and fallopian tube epithelium from risk-reducing salpingo-oophorectomies

Veskimäe, K., Staff, S., Tabaro, F., Nykter, M., Isola, J. & Mäenpää, J., 1 May 2015, In : *Genes Chromosomes and Cancer*. 54, 5, p. 276-287 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Podocyte apoptosis is prevented by blocking the Toll-like receptor pathway

Saurus, P., Kuusela, S., Lehtonen, E., Hyvönen, M. E., Ristola, M., Fogarty, C. L., Tienari, J., Lassenius, M. I., Forsblom, C., Lehto, M., Saleem, M. A., Groop, P. H., Holthöfer, H. & Lehtonen, S., 1 May 2015, In : *CELL DEATH AND DISEASE*. 6, 5, e1752.

Research output: Contribution to journal › Article › Scientific › peer-review

Fine-mapping the 2q37 and 17q11.2-q22 loci for novel genes and sequence variants associated with a genetic predisposition to prostate cancer

Laitinen, V. H., Rantapero, T., Fischer, D., Vuorinen, E. M., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., 15 May 2015, In : *International Journal of Cancer*. 136, 10, p. 2316-2327 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The Finnish prostate cancer screening trial: Analyses on the screening failures

Kilpeläinen, T. P., Tammela, T. L. J., Malila, N., Hakama, M., Santti, H., Määttä, L., Stenman, U. H., Kujala, P. & Auvinen, A., 15 May 2015, In : International Journal of Cancer. 136, 10, p. 2437-2443 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Survival benefit of early androgen receptor inhibitor therapy in locally advanced prostate cancer: Long-term follow-up of the SPCG-6 study

Thomsen, F. B., Brasso, K., Christensen, I. J., Johansson, J. E., Angelsen, A., Tammela, T. L. J. & Iversen, P., 30 May 2015, In : EUROPEAN JOURNAL OF CANCER. 51, 10, p. 1283-1292 10 p.

Research output: Contribution to journal > Article > Scientific > peer-review

MIR-25 modulates invasiveness and dissemination of human prostate cancer cells via regulation of α - and α 6-integrin expression

Zoni, E., Van Der Horst, G., Van De Merbel, A. F., Chen, L., Rane, J. K., Pelger, R. C. M., Collins, A. T., Visakorpi, T., Snaar-Jagalska, B. E., Maitland, N. J. & Van Der Pluijm, G., 1 Jun 2015, In : Cancer Research. 75, 11, p. 2326-2336 11 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Effects of remedies made in patient setup process on residual setup errors and margins in head and neck cancer radiotherapy based on 2D image guidance

Kapanen, M., Laaksomaa, M., Tulijoki, T., Kellokumpu-Lehtinen, P. L. & Hyödynmaa, S., 1 Jul 2015, In : Reports of Practical Oncology and Radiotherapy. 20, 4, p. 292-298 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Human breast cancer cells educate macrophages toward the M2 activation status

Sousa, S., Brion, R., Lintunen, M., Kronqvist, P., Sandholm, J., Mönkkönen, J., Kellokumpu-Lehtinen, P. L., Lauttia, S., Tynninen, O., Joensuu, H., Heymann, D. & Määttä, J. A., 5 Aug 2015, In : BREAST CANCER RESEARCH. 17, 1, 101.

Research output: Contribution to journal > Article > Scientific > peer-review

Construction of therapeutically relevant human prostate epithelial fate map by utilising miRNA and mRNA microarray expression data

Rane, J. K., Ylipää, A., Adamson, R., Mann, V. M., Simms, M. S., Collins, A. T., Visakorpi, T., Nykter, M. & Maitland, N. J., 11 Aug 2015, In : British Journal of Cancer. 113, 4, p. 611-615 5 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Sotalol, but not digoxin is associated with decreased prostate cancer risk: A population-based case-control study

Kaapu, K. J., Ahti, J., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., 1 Sep 2015, In : International Journal of Cancer. 137, 5, p. 1187-1195 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Intraprostatic inflammation is positively associated with serum PSA in men with PSA <4 ngml⁻¹, normal DRE and negative for prostate cancer

Umbehr, M. H., Gurel, B., Murtola, T. J., Sutcliffe, S., Peskoe, S. B., Tangen, C. M., Goodman, P. J., Thompson, I. M., Lippman, S. M., Lucia, M. S., Parnes, H. L., Drake, C. G., Nelson, W. G., De Marzo, A. M. & Platz, E. A., 14 Sep 2015, In : PROSTATE CANCER AND PROSTATIC DISEASES. 18, 3, p. 264-269 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Reducing overdiagnosis by polygenic risk-stratified screening: Findings from the Finnish section of the ERSPC

Pashayan, N., Pharoah, P. D. P., Schleutker, J., Talala, K., Tammela, T. L. J., Määttä, L., Harrington, P., Tyrer, J., Eeles, R., Duffy, S. W. & Auvinen, A., 29 Sep 2015, In : British Journal of Cancer. 113, 7, p. 1086-1093 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Effects of single and fractionated irradiation on natural killer cell populations: Radiobiological characteristics of viability and cytotoxicity in vitro

Hietanen, T., Pitkänen, M., Kapanen, M. & Kellokumpu-Lehtinen, P. L., 1 Oct 2015, In : Anticancer Research. 35, 10, p. 5193-5200 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Transcriptome sequencing reveals PCAT5 as a Novel ERG-Regulated long Noncoding RNA in prostate cancer

Ylipää, A., Kivinummi, K., Kohvakka, A., Annala, M., Latonen, L., Scaravilli, M., Kartasalo, K., Leppänen, S. P., Karakurt, S., Seppälä, J., Yli-Harja, O., Tammela, T. L. J., Zhang, W., Visakorpi, T. & Nykter, M., 1 Oct 2015, In : Cancer Research. 75, 19, p. 4026-4031 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

A Comparative View on Easy to Deploy non-Integrating Methods for Patient-Specific iPSC Production

Manzini, S., Viiri, L. E., Marttila, S. & Aalto-Setälä, K., 1 Dec 2015, In : Stem Cell Reviews and Reports. 11, 6, p. 900-908 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

European Code against Cancer 4th Edition: Medical exposures, including hormone therapy, and cancer

Friis, S., Kesminiene, A., Espina, C., Auvinen, A., Straif, K. & Schüz, J., 1 Dec 2015, In : CANCER EPIDEMIOLOGY. 39, p. S107-S119

Research output: Contribution to journal › Article › Scientific › peer-review

European Code against Cancer 4th Edition: Ionising and non-ionising radiation and cancer

McColl, N., Auvinen, A., Kesminiene, A., Espina, C., Erdmann, F., de Vries, E., Greinert, R., Harrison, J. & Schüz, J., 1 Dec 2015, In : CANCER EPIDEMIOLOGY. 39, p. S93-S100

Research output: Contribution to journal › Article › Scientific › peer-review

European Code against Cancer 4th Edition: Ultraviolet radiation and cancer

Greinert, R., de Vries, E., Erdmann, F., Espina, C., Auvinen, A., Kesminiene, A. & Schüz, J., 1 Dec 2015, In : CANCER EPIDEMIOLOGY. 39, p. S75-S83

Research output: Contribution to journal › Article › Scientific › peer-review

The Effects of Pharmacological Compounds on Beat Rate Variations in Human Long QT-Syndrome Cardiomyocytes

Kuusela, J., Kim, J., Räsänen, E. & Aalto-Setälä, K., 2016, In : Stem Cell Reviews and Reports. 12, 6, p. 698–707 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The Association Between Liver and Tumor [¹⁸F]FDG Uptake in Patients with Diffuse Large B Cell Lymphoma During Chemotherapy

Wu, X., Bhattarai, A., Korkola, P., Pertovaara, H., Eskola, H. & Kellokumpu-Lehtinen, P. L., 2017, In : Molecular Imaging and Biology. 19, 5, p. 787–794 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Clinical association analysis of ependymomas and pilocytic astrocytomas reveals elevated FGFR3 and FGFR1 expression in aggressive ependymomas

Lehtinen, B., Raita, A., Kesseli, J., Annala, M., Nordfors, K., Yli-Harja, O., Zhang, W., Visakorpi, T., Nykter, M., Haapasalo, H. & Granberg, K. J., 3 May 2017, In : BMC Cancer. 17, 1, 310.

Research output: Contribution to journal › Article › Scientific › peer-review

Strong FGFR3 staining is a marker for FGFR3 fusions in diffuse gliomas

Granberg, K. J., Annala, M., Lehtinen, B., Kesseli, J., Haapasalo, J., Ruusuvuori, P., Yli-Harja, O., Visakorpi, T., Haapasalo, H., Nykter, M. & Zhang, W., 1 Sep 2017, In : Neuro-Oncology. 19, 9, p. 1206-1216 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Depletion of nuclear import protein karyopherin alpha 7 (KPNA7) induces mitotic defects and deformation of nuclei in cancer cells

Vuorinen, E. M., Rajala, N. K., Ihalainen, T. O. & Kallioniemi, A., 27 Mar 2018, In : BMC Cancer. 18, 1, 325.

Research output: Contribution to journal › Article › Scientific › peer-review

Altered polyamine profiles in colorectal cancer

Venäläinen, M. K., Roine, A. N., Häkkinen, M. R., Vepsäläinen, J. J., Kumpulainen, P. S., Kiviniemi, M. S., Lehtimäki, T., Oksala, N. K. & Rantanen, T. K., 1 Jun 2018, In : Anticancer Research. 38, 6, p. 3601-3607 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Recurrent moderate-risk mutations in Finnish breast and ovarian cancer patients

Nurmi, A., Muranen, T. A., Pelttari, L. M., Kiiski, J. I., Heikkinen, T., Lehto, S., Kallioniemi, A., Schleutker, J., Bützow, R., Blomqvist, C., Aittomäki, K. & Nevanlinna, H., 2019, In : *International Journal of Cancer*.

Research output: Contribution to journal › Article › Scientific › peer-review

Detection of Pancreatic Cancer by Urine Volatile Organic Compound Analysis

Nissinen, S. I., Roine, A., Hokkinen, L., Karjalainen, M., Venäläinen, M., Helminen, H., Niemi, R., Lehtimäki, T., Rantanen, T. & Oksala, N., Jan 2019, In : *Anticancer Research*. 39, 1, p. 73-79 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

AR and ERG drive the expression of prostate cancer specific long noncoding RNAs

Kohvakka, A., Sattari, M., Shcherban, A., Annala, M., Urbanucci, A., Kesseli, J., Tammela, T. L. J., Kivinummi, K., Latonen, L., Nykter, M. & Visakorpi, T., 2020, In : *Oncogene*. 39, p. 5241–5251 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Effects of aerobic and strength training on aerobic capacity, muscle strength, and gene expression of lymphomonocytes in patients with stable CAD

Lehti, M., Valkeinen, H., Sipilä, S., Perhonen, M., Rottensteiner, M., Pullinen, T., Pietiläinen, R., Nyman, K., Vehkaoja, A., Kainulainen, H. & Kujala, U. M., 2020, In : *American Journal of Translational Research*. 12, 8, p. 4582-4593 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Paclitaxel, carboplatin and 1,25-D3 inhibit proliferation of ovarian cancer cells in vitro

Kuittinen, T., Rovio, P., Luukkaala, T., Laurila, M., Grénman, S., Kallioniemi, A. & Mäenpää, J., 1 Jun 2020, In : *Anticancer Research*. 40, 6, p. 3129-3138 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review